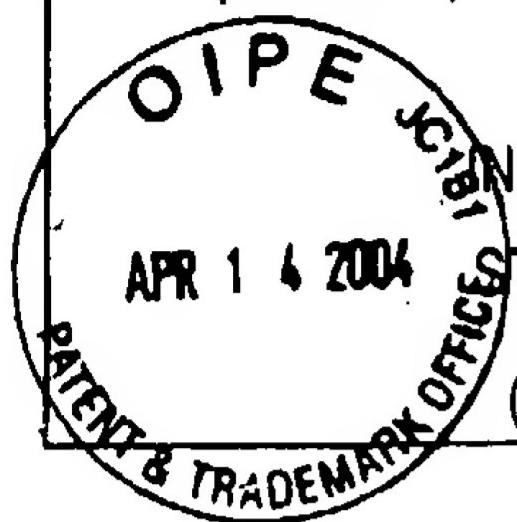


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
 (Rev. 2.32) PATENT AND TRADEMARK OFFICE



INFORMATION DISCLOSURE

APR 14 2004 STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO. MONS:038US REN-00-091 SERIAL NO.
 09/688,069

APPLICANT
 SUBRAMANIAM et al.

COPY

FILING DATE
 October 12, 2000 GROUP
 1638

"RELATED" U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RK	A	2002/0069426	06 June 02	Boronat et al.			
	A	2002/0108148	08 Aug 02	Boronat et al.			
	A	2003/0148300	07 Aug 03	Valentin et al.			
	A	2003/0150015	07 Aug 03	Noris et al.			
	A	2003/0154513	14 Aug 03	van Eenennaam et al.			
	A	2003/0166205	04 Sep 03	van Eenennaam et al.			
	A	2003/0170833	11 Sep 03	Lassner et al.			
	A	2003/0176675	18 Sep 03	Valentin et al.			
	A	2003/0213017	13 Nov 03	Valentin et al.			
	A	2004/0018602	29 Jan 04	Lassner et al.			
RK	A	2004/0045051	04 Mar 04	Noris et al.			

U.S. PATENT DOCUMENTS

RK	A	4,727,219	23 Feb 88	Brar et al.			
	A	5,304,478	19 Apr 94	Bird et al.			
	A	5,429,939	04 Jul 95	Misawa et al.			
	A	5,432,069	11 Jul 95	Grüninger et al.			
	A	5,618,988	08 Apr 97	Hauptmann et al.			
	A	5,684,238	04 Nov 97	Ausich et al.			
	A	5,750,865	12 Mar 98	Bird et al.			
	A	5,792,903	11 Aug 98	Hirschberg et al.			
	A	5,908,940	01 Jun 99	Lane et al.			
	A	6,281,017	28 Aug 01	Croteau et al.			
	A	6,303,365	16 Oct 01	Martin et al.			
RK	A	6,541,259	01 Apr 03	Lassner et al.			

• References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Russell Kallis

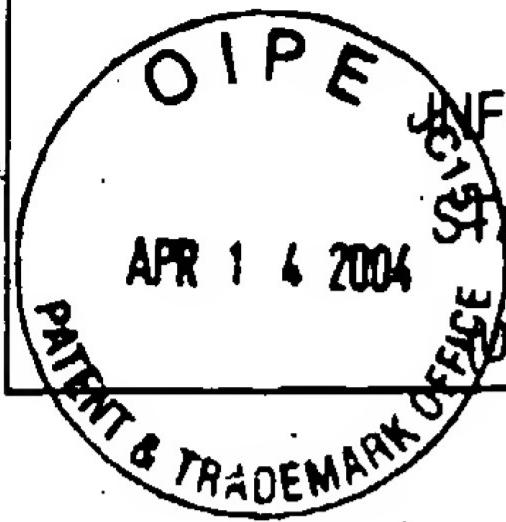
Date Considered

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2.32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MONS:038US REN-00-091	SERIAL NO. 09/688,069
O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>Use several sheets if necessary)</small>		APPLICANT SUBRAMANIAM et al.	
		FILING DATE October 12, 2000	GROUP 1638



FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
R K	B	2,339,519	17 Feb 00	Canada			Eng Version of WO 00/08169
	B	2,343,919	30 Mar 00	Canada			Eng Version of WO 00/17233
	B	2,372,332	02 Nov 00	Canada			Eng Version of WO 00/65036
	B	0 723 017 A2	24 Jul 96	EPO			
	B	2 778 527		FR			YES
	B	DE 198 35 219 A1	05 Aug 98	German/English			YES=CA2339519
	B	WO 00/08169	17 Feb 00	PCT			YES=CA2339519
	B	WO 00/08187	17 Feb 00	PCT			
	B	WO 00/10380	02 Mar 00	PCT			
	B	WO 00/11165	02 Mar 00	PCT			
	B	WO 00/17233	30 Mar 00	PCT			YES=CA2343919
	B	WO 00/28005	18 May 00	PCT			
	B	WO 00/32757 A2 & A3	08 Jun 00	PCT			
	B	WO 00/34448	15 Jun 00	PCT			YES
	B	WO 00/42205 A2 & A3	20 Jul 00	PCT			
	B	WO 00/46346	10 Aug 00	PCT			YES
	B	WO 00/63389	26 Oct 00	PCT			
	B	WO 00/65036 A2 & A3	02 Nov 00	PCT			YES CA 2372332
	B	WO 01/04330	18 Jan 01	PCT			
	B	WO 01/09341	08 Feb 01	PCT			
	B	WO 01/12827	22 Feb 01	PCT			
	B	WO 01/21650	29 Mar 01	PCT			
	B	WO 01/44276	21 Jun 01	PCT			
▼	B	WO 01/62781	30 Aug 01	PCT			Partial
R K	B	WO 01/79472	25 Oct 01	PCT			

* References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Russell Kallis

Date Considered

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
 (Rev. 2.32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MONS:038US REN-00-091

SERIAL NO.

09/688,069

APR 16 2004
 O I P E SCIS
 PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

SUBRAMANIAM et al.

FILING DATE

October 12, 2000

GROUP

1638

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
RK	B	WO 01/88169 A2 & A3	22 Nov 01	PCT			
	B	WO 02/00901 A1	03 Jan 02	PCT			YES
	B	WO 02/26933	04 Apr 02	PCT			
	B	WO 02/29022	11 Apr 02	PCT			
	B	WO 02/31173	18 Apr 02	PCT			YES
	B	WO 02/33060	25 Apr 02	PCT			
	B	WO 02/46441	13 Jun 02	PCT			
	B	WO 02/072848	19 Sep 02	PCT			
	B	WO 02/089561	14 Nov 02	PCT			
	B	WO 03/034812	01 May 03	PCT			
	B	WO 03/047547	12 Jun 03	PCT			
	B	WO 91/02059	21 Feb 91	PCT			
	B	WO 91/09128	27 Jun 91	PCT			
	B	WO 91/13078	05 Sep 91	PCT			
	B	WO 93/18158	16 Sep 93	PCT			
	B	WO 94/11516	26 May 94	PCT			
	B	WO 94/12014	09 Jun 94	PCT			
	B	WO 94/18337	18 Aug 94	PCT			
	B	WO 95/08914	06 Apr 95	PCT			
	B	WO 95/18220	06 Jul 95	PCT			Abstract
	B	WO 95/23863	08 Sep 95	PCT			
	B	WO 95/34668	21 Dec 95	PCT			
	B	WO 96/02650	01 Feb 96	PCT			
	B	WO 96/06172	29 Feb 96	PCT			
	B	WO 96/13149	09 May 96	PCT			
	B	WO 96/13159	09 May 96	PCT			
	B	WO 96/36717 A2 & A3	21 Nov 96	PCT			
	B	WO 96/38567	05 Dec 96	PCT			US equivalent
RK	B	WO 97/17447	15 May 97	PCT			

* References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Russell Callis

Date Considered

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2.32) PATENT AND TRADEMARK OFFICE

O I P E JC15 INFORMATION DISCLOSURE
APR 1 4 2004 STATEMENT BY APPLICANT
(Patent & Trademark Office)
(Use several sheets if necessary)

ATTY. DOCKET NO. MONS:038US REN-00-091	SERIAL NO. 09/688,069
APPLICANT SUBRAMANIAM et al.	
FILING DATE October 12, 2000	GROUP 1638

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
RK	B	WO 97/49816	31 Dec 97	PCT			
	B	WO 98/04685	05 Feb 98	PCT			
	B	WO 98/18910	07 May 98	PCT			
	B	WO 99/04021	28 Jan 99	PCT			
	B	WO 99/04622	04 Feb 99	PCT			
	B	WO 99/11757	11 Mar 99	PCT			YES
	B	WO 99/19460	22 Apr 99	PCT			
▼	B	WO 99/55889	04 Nov 99	PCT			
RK	B	WO 99/58649	18 Nov 99	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RK	C	ADDLESEE et al., "Cloning, sequencing and functional assignment of the chlorophyll biosyntheses gene, <i>chlP</i> , of <i>Synechocystis</i> sp. PCC 6803", FEBS Letters 389 (1996) 126-130
	C	ARANGO et al., "Tocopherol synthesis from homogentisate in <i>Capsicum annuum</i> L. (yellow pepper) chromoplast membranes: evidence for tocopherol cyclase", Biochem J., 336:531-533 (1998)
	C	ARIGONI et al., "Terpenoid biosynthesis from 1-deoxy-D-xylulose in higher plants by intramolecular skeletal rearrangement", Proc. Natl. Acad. Sci. USA, 94:10600-10605 (1997)
	C	BAKER et al., "Sequence and characterization of the <i>gcpE</i> gene of <i>Escherichia coli</i> ", FEMS Microbiology Letters, 94:175-180 (1992)
	C	BAYLEY et al., "Engineering 2,4-D resistance into cotton," Theor Appl Genet, 83:645-649 (1992)
	C	BENTLEY, R., "The Shikimate Pathway - A Metabolic Tree with Many Branches," Critical Reviews™ in Biochemistry and Molecular Biology; Vol. 25, Issue 5, 307-384 (1990)
	C	BEVAN, M., "Binary Agrobacterium vectors for plant transformation", Nucleic Acids Research, 12:8711-8721 (1984)
	C	BEYER et al., "Phytoene-forming activities in wild-type and transformed rice endosperm," IRRN 21:2-3, p 44-45 (August-December 1996)
	C	BORK et al., "Go hunting in sequence databases but watch out for the traps", TIG 12, 10:425-427 (October 1996)
	C	BOUVIER et al., "Dedicated Roles of Plastid Transketolases during the Early Onset of Isoprenoid Biogenesis in Pepper Fruits", Plant Physiol., 117:1423-1431 (1998)
RK	C	BRAMLEY et al., "Biochemical characterization of transgenic tomato plants in which carotenoid synthesis has been inhibited through the expression of antisense RNA to pTOM5," The Plant Journal, 2(3), 343-349 (1992)

* References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Russell Hallis

Date Considered

12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE			ATTY. DOCKET NO.	SERIAL NO.
(Rev. 2-32) PATENT AND TRADEMARK OFFICE			MONS:038US REN-00-091	09/688,069
O I P E APR 16 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)			APPLICANT	
			SUBRAMANIAM et al.	
			FILING DATE	GROUP
			October 12, 2000	1638

RK	C	BREITENBACH et al., "Expression in <i>Escherichia coli</i> and properties of the carotene ketolase from <i>Haematococcus pluvialis</i> ," FEMS Microbiology Letters 140, 241-246 (1996)
	C	BROUN et al., "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids," Science, 282:1315-1317 (1998)
	C	BUCKNER et al., "The y1 Gene of Maize Codes for Phytoene Synthase," Genetics 143:479-488 (May 1996)
	C	BURKHARDT et al., "Genetic engineering of provitamin A biosynthesis in rice endosperm," Experientia, 818-821
	C	BURKHARDT et al., "Transgenic rice (<i>Oryza sativa</i>) endosperm expressing daffodil (<i>Narcissus pseudonarcissus</i>) phytoene synthase accumulates phytoene, a key intermediate of provitamin A biosynthesis" The Plant Journal, 11(5), 1071-1078 (1997)
	C	CAHOON et al., "Production of Fatty Acid Components of Meadowfoam Oil in Somatic Soybean Embryos," Plant Physiology, 124:243-251 (2000)
	C	CHAUDHURI et al., "The purification of shikimate dehydrogenase from <i>Escherichia coli</i> ," Biochem. J., 226:217-223 (1985)
	C	CHENG et al., "Highly Divergent Methyltransferases Catalyze a Conserved Reaction in Tocopherol and Plastoquinone Synthesis in Cyanobacteria and Photosynthetic Eukaryotes", The Plant Cell, 15:2343-2356 (2003)
	C	COLLAKOVA et al., "Isolation and Functional Analysis of Homogentisate Phytoltransferase from <i>Synechocystis</i> sp. PCC 6803 and <i>Arabidopsis</i> ", Plant Physiology, 127:1113-1124 (2001)
	C	COLLAKOVA et al., "Homogentisate Phytoltransferase Activity is Limiting for Tocopherol Biosynthesis in Arabidopsis", Plant Physiology, 131:632-642 (Feb. 2003)
	C	COLLAKOVA et al., "Isolation and Characterization of Tocopherol Prenyl Transferase From <i>Synechocystis</i> and <i>Arabidopsis</i> ", Poster Abstract see REN-01-026
	C	COOK et al., "Nuclear Mutations affecting plastoquinone accumulation in maize", Photosynthesis Research, 31:99-111 (1992)
	C	CUNILLERA et al., "Characterization of dehydrodolichyl diphosphate synthase of <i>Arabidopsis thaliana</i> , a key enzyme in dolichol biosynthesis", FEBS Letters, 477:170-174 (2000)
	C	d'AMATO et al., "Subcellular localization of chorismate-mutase isoenzymes in protoplasts from mesophyll and suspension-cultured cells of <i>Nicotiana sylvestris</i> ," Planta, 162:104-108 (1984)
	C	DOERKS et al., "Protein annotation: detective work for function prediction", TIG, 14:248-250 (1998)
	C	d'HARLINGUE et al., "Plastid Enzymes of Terpenoid Biosynthesis, Purification and Characterization of Tocopherol Methyltransferase from <i>Capsicum</i> Chromoplasts," The Journal of Biological Chemistry, Vol. 260, No. 28, pp. 15200-15203, December 5, 1985
✓	C	De LUCA, Vincenzo, "Molecular characterization of secondary metabolic pathways", AgBiotech News and Information, 5(6):225N-229N (1993)
RK	C	DUNCAN et al., "The overexpression and complete amino acid sequence of <i>Escherichia coli</i> 3-dehydroquinate", Biochem. J., 238:475-483 (1986)

• References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner	Russell Kallis	Date Considered
----------	----------------	-----------------

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE

(Rev. 2.32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MONS:038US REN-00-091 09/688,069

APPLICANT

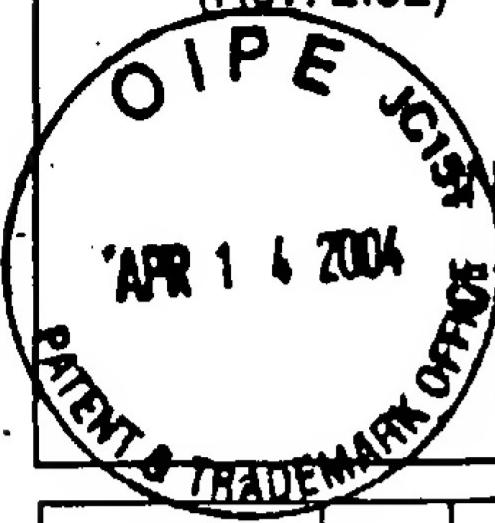
SUBRAMANIAM et al.

FILING DATE

October 12, 2000

GROUP

1638



INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use several sheets if necessary)

RK	C	DUVOLD et al., "Incorporation of 2-C-Methyl-D-erythritol, a Putative Isoprenoid Precursor in the Mevalonate-Independent Pathway, into Ubiquinone and Menaquinone of <i>Escherichia coli</i> ", Tetrahedron Letters, 38(35):6181-6184 (1997)
	C	ELLIOTT, Thomas, "A Method for Constructing Single-Copy lac Fusions in <i>Salmonella typhimurium</i> and Its Application to the <i>hemA-prfA</i> Operon", Journal of Bacteriology, 174:245-253 (1992)
	C	EISENREICH et al., "The deoxyxylulose phosphate pathway of terpenoid biosynthesis in plants and microorganisms", Chemistry & Biology, 5(9):R221-R233 (1998)
	C	ERICSON et al., "Analysis of the promoter region of napin genes from <i>Brassica napus</i> demonstrates binding of nuclear protein <i>in vitro</i> to a conserved sequence motif", Eur. J. Biochem., 197:741-746 (1991)
	C	ESTÉVEZ et al., "1-Deoxy-D-xylulose-5-phosphate Synthase, a Limiting Enzyme for Plastidic Isoprenoid Biosynthesis in Plants", The Journal of Biological Chemistry, 276(25):22901-22909 (2001)
	C	FELLERMEIER et al., "Cell-free conversion of 1-deoxy-D-xylulose 5-phosphate and 2-C-methyl-D-erythritol 4-phosphate into β-carotene in higher plants and its inhibition by fosmidomycin", Tetrahedron Letters, 40:2743-2746 (1999)
	C	FIEDLER et al., "The formation of homogentisate in the biosynthesis of tocopherol and plastoquinone in spinach chloroplasts", Planta, 155:511-515 (1982)
	C	FOURGOUX-NICOL et al., "Isolation of rapeseed genes expressed early and specifically during development of the male gametophyte", Plant Molecular Biology, 40:857-872 (1999)
	C	FRASER et al., "Enzymic confirmation of reactions involved in routes to astaxanthin formation, elucidated using a direct substrate <i>in vitro</i> assay", Eur. J. Biochem., 252:229-236 (1998)
	C	FRASER et al., "In Vitro Characterization of Astaxanthin Biosynthetic Enzymes", The Journal of Biological Chemistry, 272(10) 6128-6135 (1997)
	C	FRAY et al., "Constitutive expression of a fruit phytoene synthase gene in transgenic tomatoes causes dwarfism by redirecting metabolites from the gibberellin pathway", The Plant Journal, 8(5):693-701 (1995)
	C	FRAY et al., "Identification and genetic analysis of normal and mutant phytoene synthase genes of tomato by sequencing, complementation and co-suppression", Plant Molecular Biology, 22:589-602 (1993)
	C	FUQUA et al., "Characterization of <i>melA</i> : a gene encoding melanin biosynthesis from the marine bacterium <i>Shewanella colwelliana</i> ", Gene, 109:131-136 (1991)
	C	FURUYA et al., "Production of Tocopherols by Cell Culture of Safflower", Phytochemistry, 26(10):2741-2747 (1987)
	C	GARCIA et al., "Subcellular localization and purification of a p-hydroxyphenylpyruvate dioxygenase from cultured carrot cells and characterization of the corresponding cDNA", Biochem. J., 325:761-769 (1997)
↓	C	GOERS et al., "Separation and characterization of two chorismate-mutase isoenzymes from <i>Nicotiana silvestris</i> ", Planta, 162:109-116 (1984)
RK	C	GRABSE et al., "Loss of α-tocopherol in tobacco plants with decreased geranylgeranyl reductase activity does not modify photosynthesis in optimal growth conditions but increases sensitivity to high-light stress", Planta, 213:620-628 (2001)

* References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Ronald Kally

Date Considered

8/12/2004

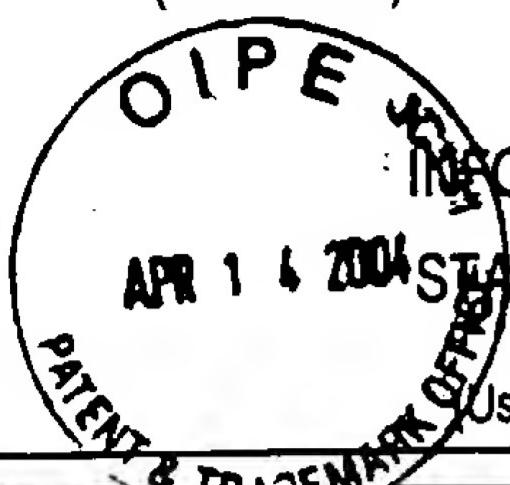
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
 (Rev. 2.32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
 MONS:038US REN-00-091

SERIAL NO.
 09/688,069



INFORMATION DISCLOSURE

APR 16 2004 STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

SUBRAMANIAM et al.

FILING DATE

October 12, 2000

GROUP

1638

RK	C	HARKER et al., "Biosynthesis of ketocarotenoids in transgenic cyanobacteria expressing the algal gene for β -C-4-oxygenase, crtO", FEBS Letters, 404:129-134 (1997)
	C	HARKER et al., "Expression of prokaryotic 1-deoxy-D-xylulose-5-phosphatases in <i>Escherichia coli</i> increases carotenoid and ubiquinone biosynthesis", FEBS Letters, 448:115-119 (1999)
	C	HECHT et al., "Studies of the nonmevalonate pathway to terpenes: The role of the GcpE (IspG) protein", PNAS, 98(26):14837-14842 (2001)
	C	HERRMANN, K.M., "The Shikimate Pathway as an Entry to Aromatic Secondary Metabolism", Plan Physiol., 107:7-12 (1995)
	C	HERZ et al., "Biosynthesis of terpenoids: YgbB protein converts 4-diphosphocytidyl-2C-methyl-D-erythritol 2-phosphate to 2C-methyl-D-erythritol 2,4-cyclodiphosphate", Proc. Natl. Acad. Sci. USA, 97(6):2486-2490 (2000)
	C	KAJIWARA et al., "Isolation and functional identification of a novel cDNA for astaxanthin biosynthesis from <i>Haematococcus pluvialis</i> , and astaxanthin synthesis in <i>Escherichia coli</i> ", Plant Molecular Biology, 29:343-352 (1995)
	C	KANEKO et al., "Complete Genomic Sequence of the Filamentous Nitrogen-fixing Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120", DNA Research, 8(5):205-213 (2001)
	C	KEEGSTRA, K., "Transport and Routing of Proteins into Chloroplasts", Cell, 56(2):247-253 (1989)
	C	KELLER et al., "Metabolic compartmentation of plastid prenyllipid biosynthesis Evidence for the involvement of a multifunctional geranylgeranyl reductase", Eur. J. Biochem., 251:413-417 (1998)
	C	KISHORE et al., "Amino Acid Biosynthesis Inhibitors as Herbicides", Ann. Rev. Biochem., 57:627-663 (1988)
	C	KOZIEL et al., "Optimizing expression of transgenes with an emphasis on post-transcriptional events", Plant Molecular Biology, 32:393-405 (1996)
	C	KUMAGAI et al., "Cytoplasmic inhibition of carotenoid biosynthesis with virus-derived RNA", Proc. Natl. Acad. Sci. USA, 92:1679-1683 (1995)
	C	LANGE et al., "A Family of transketolases that directs isoprenoid biosynthesis via a mevalonate-independent pathway", Proc. Natl. Acad. Sci. USA, 95:2100-2104 (1998)
	C	LANGE et al., "Isoprenoid Biosynthesis via a Mevalonate-Independent Pathway in Plants: Cloning and Heterologous Expression of 1-Deoxy-D-xylulose-5-phosphate Reductoisomerase from Peppermint", Archives of Biochemistry and Biophysics, 365(1):170-174 (1999)
	C	LI et al., "Identification of a maize endosperm-specific cDNA encoding farnesyl pyrophosphate synthetase", Gene, 171:193-196 (1996)
	C	LINTHORST et al., "Constitutive Expression of Pathogenesis-Related Proteins PR-1,GRP, and PR-S in Tobacco Has No Effect on Virus Infection", The Plant Cell, 1:285-291 (1989)
RK	C	LOIS et al., "Cloning and characterization of a gene from <i>Escherichia coli</i> encoding a transketolase-like enzyme that catalyzes the synthesis of D-1-deoxyxylulose 5-phosphate, a common precursor for isoprenoid, thiamin, and pyridoxol biosynthesis", Proc. Natl. Acad. Sci. USA, 95(5):2105-2110 (1998)
RK	C	LOTAN et al., "Cloning and expression in <i>Escherichia coli</i> of the gene encoding β -C-4-oxygenase, that converts β -carotene to the ketocarotenoid canthaxanthin in <i>Haematococcus pluvialis</i> ", FEBS Letters, 364:125-128 (1995)

• References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Russell Kallis

Date Considered

10/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE			ATTY. DOCKET NO.	SERIAL NO.
(Rev. 2.32) PATENT AND TRADEMARK OFFICE			MONS:038US REN-00-091	09/688,069
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>			APPLICANT	SUBRAMANIAM et al.
			FILING DATE	GROUP
			October 12, 2000	1638

<i>RX</i>	C	MAHMOUD et al., "Metabolic engineering of essential oil yield and composition in mint by altering expression of deoxyxylulose phosphate reductoisomerase and menthofuran synthase", PNAS, 98(15):8915-8920 (2001)
	C	MANDEL et al., "CLA1, a novel gene required for chloroplast development, is highly conserved in evolution", The Plant Journal, 9(5):649-658 (1996)
	C	MARSHALL et al., "Biosynthesis of Tocopherols: A Re-Examination of the Biosynthesis and Metabolism of 2-Methyl-6-Phytol-1,4-Benzoquinol", Phytochemistry, 24(8):1705-1711 (1985)
	C	MISAWA et al., "Expression of an <i>Erwinia</i> phytoene desaturase gene not only confers multiple resistance to herbicides interfering with carotenoid biosynthesis but also alters xanthophyll metabolism in transgenic plants", The Plant Journal, 6(4):481-489 (1994)
	C	MISAWA et al., "Elucidation of the <i>Erwinia uredovora</i> Carotenoid Biosynthetic Pathway by Functional Analysis of Gene Products Expressed in <i>Escherichia coli</i> ", Journal of Bacteriology, 172(12):6704-6712 (1990)
	C	MISAWA et al., "Functional expression of the <i>Erwinia uredovora</i> carotenoid biosynthesis gene crtI in transgenic plants showing an increase of β-carotene biosynthesis activity and resistance to the bleaching herbicide norflurazon", The Plant Journal, 4(5):833-840 (1993)
	C	MISAWA et al., "Structure and Functional Analysis of a Marine Bacterial Carotenoid Biosynthesis Gene Cluster and Astaxanthin Biosynthetic Pathway Proposed at the Gene Level", Journal of Bacteriology, 177(22):6575-6584 (1995)
	C	NAKAMURA et al., "Structural Analysis of <i>Arabidopsis thaliana</i> Chromosome 5. III. Sequence Features of the Regions of 1,191,918 bp Covered by Seventeen Physically Assigned P1 Clones", DNA Research, 4(6):401-414 (1997)
	C	NAWRATH et al., "Targeting of the polyhydroxybutyrate biosynthetic pathway to the plastids of <i>Arabidopsis thaliana</i> results in high levels of polymer accumulation", Proc. Natl. Acad. Sci. USA, 91:12760-12764 (1994)
	C	NORRIS et al., "Complementation of the <i>Arabidopsis pds1</i> Mutation with the Gene Encoding p-Hydroxyphenylpyruvate Dioxygenase", Plant Physiol., 117:1317-1323 (1998)
	C	OH et al., "Molecular Cloning, Expression, and Functional Analysis of a cis-Prenyltransferase from <i>Arabidopsis thaliana</i> ", The Journal of Biological Chemistry, 275(24):18482-18488 (2000)
	C	OKADA et al., "Five Geranylgeranyl Diphosphate Synthases Expressed in Different Organs Are Localized into Three Subcellular Compartments in <i>Arabidopsis</i> ", Plant Physiology, 122:1045-1056 (2000)
	C	OOMMEN et al., "The Elicitor-Inducible Alfalfa Isoflavone Reductase Promoter Confers Different Patterns of Developmental Expression in Homologous and Heterologous Transgenic Plants", The Plant Cell, 6:1789-1803 (1994)
	C	PEISKER et al., "Phytol and the Breakdown of Chlorophyll in Senescent Leaves", J. Plant Physiol., 135:428-432 (1989)
<i>V</i>	C	POMPLIANO et al., "Probing Lethal Metabolic Perturbations in Plants with Chemical Inhibition of Dehydroquinate Synthase", J. Am. Chem. Soc., 111:1866-1871 (1989)
<i>RX</i>	C	PORFIROVA et al., "Isolation of an <i>Arabidopsis</i> mutant lacking vitamin E and identification of a cyclase essential for all tocopherol biosynthesis", PNAS, 99(19):12495-12500 (2002)

- References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner	Date Considered
----------	-----------------

Russell Kalli

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

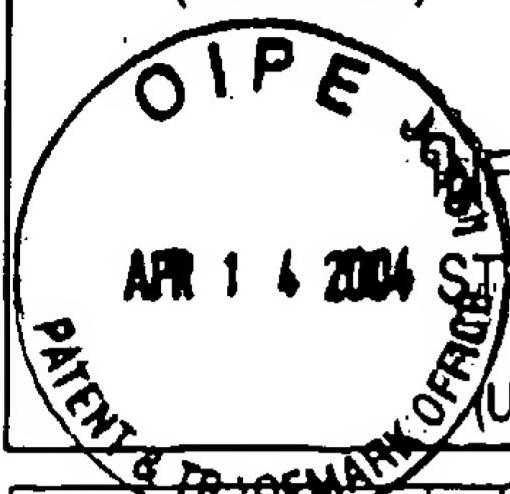
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
 (Rev. 2.32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MONS:038US REN-00-091

SERIAL NO.

09/688,069



INFORMATION DISCLOSURE

APR 16 2004 STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

SUBRAMANIAM et al.

FILING DATE

October 12, 2000

GROUP

1638

RK	C	QUEROL et al., "Functional analysis of the <i>Arabidopsis thaliana</i> GCPE protein involved in plastid isoprenoid biosynthesis", FEBS Letters, 514:343-346 (2002)
	C	RIPPERT et al., "Molecular and biochemical characterization of an <i>Arabidopsis thaliana</i> arogenate dehydrogenase with two highly similar and active protein domains", Plant Mol. Biol., 48:361-368 (2002).
	C	RIPPERT et al., "Engineering Plant Shikimate Pathway for Production of Tocotrienol and Improving Herbicide Resistance", Plant Physiology, 134:92-100 (2004)
	C	RODRIGUEZ-CONCEPCIÓN et al., "Elucidation of the Methylerythritol Phosphate Pathway for Isoprenoid Biosynthesis in Bacteria and Plastids. A Metabolic Milestone Achieved through Genomics", Plant Physiology, 130:1079-1089 (2002)
	C	RODRIGUEZ-CONCEPCIÓN et al., "1-Deoxy-D-xylulose 5-phosphate reductoisomerase and plastid isoprenoid biosynthesis during tomato fruit ripening", The Plant Journal, 27(3):213-222 (2001)
	C	ROHDICH et al., "Cytidine 5'-triphosphate-dependent biosynthesis of isoprenoids: YgbP protein of <i>Escherichia coli</i> catalyzes the formation of 4-diphosphocytidyl-2-C-methylerythritol", Proc. Natl. Acad. Sci. USA, 96(21):11758-11763 (1999)
	C	ROHMER et al., "Glyceraldehyde 3-Phosphate and Pyruvate as Precursors of Isoprenic Units in an Alternative Non-mevalonate Pathway for Terpenoid Biosynthesis", J. Am. Chem. Soc., 118:2564-2566 (1996)
	C	ROHMER et al., "Isoprenoid biosynthesis in bacteria: a novel pathway for the early steps leading to isopentenyl diphosphate", Biochem. J., 295:517-524 (1993)
	C	Rohmer, M., "A Mevalonate-independent Route to Isopentenyl Diphosphate", Comprehensive Natural Products Chemistry, 2:45-67 (1999)
	C	ROHMER, M., "Isoprenoid biosynthesis via the mevalonate-independent route, a novel target for antibacterial drugs?", Progress in Drug Research, 50:136-154 (1998)
	C	RÖMER et al., "Expression of the Genes Encoding the Early Carotenoid Biosynthetic Enzymes in <i>Capsicum Annum</i> ", Biochemical and Biophysical Research Communications, 196(3):1414-1421 (1993)
	C	RUZAFA et al., "The protein encoded by the <i>Shewanella colwelliana</i> melA gene is a p-hydroxyphenylpyruvate dioxygenase", FEMS Microbiology Letters, 124:179-184 (1994)
	C	SAINT-GUILY et al., "Complementary DNA Sequence of an Adenylate Translocator from <i>Arabidopsis thaliana</i> ", Plant Physiol., 100(2):1069-1071 (1992)
	C	SANDMANN et al., "New functional assignment of the carotenogenic genes crtB and crtE with constructs of these genes from <i>Erwinia</i> species", FEMS Microbiology Letters, 90:253-258 (1992)
↓	C	SATO et al., "Structural Analysis of <i>Arabidopsis thaliana</i> Chromosome 5. X. Sequence Features of the Regions of 3,076,755 bp Covered by Sixty P1 and TAC Clones", DNA Research, 7(1):31-63 (2000)
RK	C	SATO et al., "Structural Analysis of <i>Arabidopsis thaliana</i> Chromosome 5. IV. Sequence Features of the Regions of 1,456,315 bp Covered by Nineteen Physically Assigned P1 and TAC Clones", DNA Research, 5:41-54 (1998)

* References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Ramill Kallis

Date Considered

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
 (Rev. 2.32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MONS:038US REN-00-091

SERIAL NO.

09/688,069

APR 16 2004
 INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT
 (Use several sheets if necessary)

APPLICANT

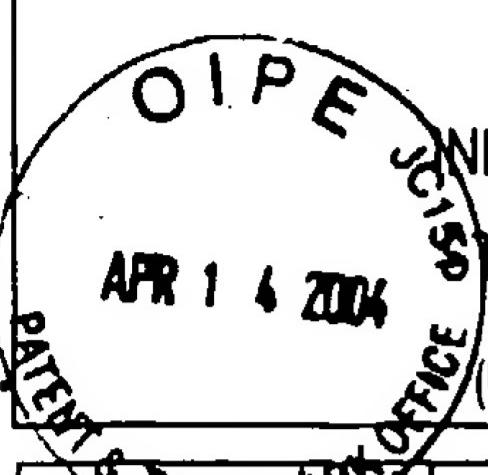
SUBRAMANIAM et al.

FILING DATE

October 12, 2000

GROUP

1638



RK	C	SAVIDGE et al., "Isolation and Characterization of Homogenitase Phytyltransferase Genes from <i>Synechocystis</i> sp. PCC 6803 and <i>Arabidopsis</i> ", <i>Plant Physiology</i> , 129:321-332 (2002)
	C	SCHWENDER et al., "Cloning and heterologous expression of a cDNA encoding 1-deoxy-D-xylulose-5-phosphate reductoisomerase of <i>Arabidopsis thaliana</i> ", <i>FEBS Letters</i> , 455:140-144 (1999)
	C	SCOLNIK et al., "Nucleotide Sequence of an <i>Arabidopsis</i> cDNA for Geranylgeranyl Pyrophosphate Synthase", <i>Plant Physiol.</i> , 104(4):1469-1470 (1994)
	C	SHEWMAKER et al., "Seed-specific overexpression of phytoene synthase: increase in carotenoids and other metabolic effects", <i>The Plant Journal</i> , 20(4):401-412 (1999)
	C	SHIGEOKA et al., "Isolation and properties of γ -tocopherol methyltransferase in <i>Euglena gracilis</i> ", <i>Biochimica et Biophysica Acta</i> , 1128: 220-226 (1992)
	C	SHINTANI et al., "Elevating the Vitamin E Content of Plants Through Metabolic Engineering", <i>SCIENCE</i> , 282:2098-2100 (1998)
	C	SINGH et al., "Chorismate Mutase Isoenzymes from <i>Sorghum bicolor</i> . Purification and Properties", <i>Archives of Biochemistry and Biophysics</i> , 243(2):374-384 (1985)
	C	SMITH, F.W. et al., "The cloning of two <i>Arabidopsis</i> genes belonging to a phosphate transporter family", <i>Plant Journal</i> , 11(1):83-92 (1997)
	C	SMITH, C.J.S. et al., "Antisense RNA inhibition of polygalacturonase gene expression in transgenic tomatoes", <i>Nature</i> , 334:724-726 (1998)
	C	SMITH, T.F. et al., "The challenges of genome sequence annotation or "the devil is in the details", <i>Nature Biotechnology</i> , 15:1222-1223 (1997)
	C	SOLL et al., "Hydrogenation of Geranylgeraniol", <i>Plant Physiol.</i> , 71:849-854 (1983)
	C	SOLL et al., "Tocopherol and Plastoquinone Synthesis in Spinach Chloroplasts Subfractions", <i>Archives of Biochemistry and Biophysics</i> , 204(2):544-550 (1980)
	C	SOLL et al., "2-Methyl-6-Phytylquinol and 2,3-Dimethyl-5-Phytylquinol as Precursors of Tocopherol Synthesis in Spinach Chloroplasts", <i>Phytochemistry</i> , 19:215-218 (1980)
	C	SPRENGER et al., "Identification of a thiamin-dependent synthase in <i>Escherichia coli</i> required for the formation of the 1-deoxy-D-xylulose 5-phosphate precursor to isoprenoids, thiamin, and pyridoxol", <i>Proc. Natl. Acad. Sci. USA</i> , 94:12857-12862 (1997)
	C	SPURGEON et al., "Biosynthesis of Isoprenoid Compounds", 1:1-45 (1981)
	C	STAM et al., "The Silence of Genes in Transgenic Plants", <i>Annals of Botany</i> , 79:3-12 (1997)
▼	C	STOCKER et al., "Identification of the Tocopherol-Cyclase in the Blue-Green Algae <i>Anabaena variabilis</i> KÜTZING (Cyanobacteria)", <i>Helvetica Chimica Acta</i> , 76:1729-1738 (1993)
RK	C	STOCKER et al., "The Substrate Specificity of Tocopherol Cyclase", <i>Bioorganic & Medicinal Chemistry</i> , 4(7):1129-1134 (1996)

- References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Russell Hallig

Date Considered

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2.32) PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MONS:038US REN-00-091	SERIAL NO. 09/688,069
O P E J C I S INFORMATION DISCLOSURE APR 14 2004 STATEMENT BY APPLICANT (Use several sheets if necessary)			APPLICANT SUBRAMANIAM et al.	
			FILING DATE October 12, 2000	GROUP 1638

RK	c	SUN et al., "Cloning and Functional Analysis of the β -Carotene Hydroxylase of <i>Arabidopsis thaliana</i> ", The Journal of Biological Chemistry, 271(40):24349-24352 (1996)
	c	SUZICH et al., "3-Deoxy-D-arabino-Heptulosonate 7-Phosphate Synthase from Carrot Root (<i>Daucus carota</i>) Is a Hysteretic Enzyme", Plant Physiol., 79:765-770 (1985)
	c	SVAB et al., "High-frequency plastid transformation in tobacco by selection for a chimeric <i>aadA</i> gene", Proc. Natl. Acad. Sci. USA, 90:913-917 (1993)
	c	SVAB et al., "Stable transformation of plastids in higher plants", Proc. Natl. Acad. Sci. USA, 87:8526-8530 (1990)
	c	TAKAHASHI et al., "A 1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing the formation of 2-C-methyl-D-erythritol 4-phosphate in an alternative nonmevalonate pathway for terpenoid biosynthesis", Proc. Natl. Acad. Sci. USA, 95:9879-9884 (1998)
	c	TAKATSUJI, H., "Zinc-finger transcription factors in plants", CMS Cell. Mol. Life Sci., Birkhauser Verlag Basel CH, 54(6):582-596 (1998)
	c	TJADEN et al., "Altered plastidic ATP/ADP-transporter activity influences potato (<i>Solanum tuberosum</i> L.) tuber morphology, yield and composition of tuber starch", The Plant Journal, 16(5):531-540 (1998)
	c	TOWN et al., "Whole genome shotgun sequencing of <i>Brassica oleracea</i> , BOGKS71TF BOGK <i>Brassica oleracea</i> genomic clone BOGKS71, DNA sequence", Database EMBL Accession No. BH534089 (Dec 2001)
	c	Town et al., "Whole genome shotgun sequencing of <i>Brassica oleracea</i> , BOGAU46TR BOGA <i>Brassica oleracea</i> genomic clone BOGAU46, DNA sequence", Database EMBL Accession No. BH248880 (Nov 2001)
	c	VERWOERT et al., "Developmental specific expression and organelle targeting of the <i>Escherichia coli fabD</i> gene, encoding malonyl coenzyme A-acyl carrier protein transacylase in transgenic rape and tobacco seeds", Plant Molecular Biology, 26:189-202 (1994)
	c	XIA et al., "A monofunctional prephenate dehydrogenase created by cleavage of the 5' 109 bp of the <i>tyrA</i> gene from <i>Erwinia herbicola</i> ", Journal of General Microbiology, 138(7):1309-1316 (1992)
	c	XIA et al., "The <i>pheA</i> / <i>tyrA</i> / <i>aroF</i> Region from <i>Erwinia herbicola</i> : An Emerging Comparative Basis for Analysis of Gene Organization and Regulation in Enteric Bacteria", Database GENBANK on STN, GenBank ACC. NO. (GBN): M74133, J. Mol. Evol., 36(2):107-120 Abstract (1993)
	c	YAMAMOTO, E., "Purification and Metal Requirements of 3-Dehydroquinate Synthase from <i>Phaseolus Mungo</i> Seedlings", Phytochemistry, 19:779-781 (1980)
	c	ZAKA et al., "Changes in Carotenoids and Tocopherols During Maturation of Cassia Seeds", Pakistan J. Sci. Ind. Res., 30(11): 812-814 (1987)
	c	ZEIDLER et al., "Inhibition of the Non-Mevalonate 1-Deoxy-D-xylulose-5-phosphate Pathway of Plant Isoprenoid Biosynthesis by Fosmidomycin", A Journal of Biosciences, Zeitschrift fuer Naturforschung, Section C, 53(11/12):980-986 (November/December 1998)
↓	c	ZHU et al., "Geranylgeranyl pyrophosphate synthase encoded by the newly isolated gene GGPS6 from <i>Arabidopsis thaliana</i> is localized in mitochondria", Plant Molecular Biology, 35:331-341 (1997)
RK	c	KANEKO et al., NCBI General Identifier Number 1653572, Accession Number BAA18485 (Jul 2001)

• References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner *Russell Kally* Date Considered *8/12/2004*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2.32) PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MONS:038US REN-00-091	SERIAL NO. 09/688,069
O I P E INFORMATION DISCLOSURE APR 1 4 2004 STATEMENT BY APPLICANT (Use several sheets if necessary)			APPLICANT SUBRAMANIAM et al.	
			FILING DATE October 12, 2000	GROUP 1638

R K	C	KANEKO et al., NCBI General Identifier Number 1001725, Accession Number BAA10562 (Feb 2003)
	C	ALCALA et al., Genbank Accession Number AI 897027 (Jul 1999)
	C	BEVAN et al., TREMBL Database Accession No. O65524 (Aug 1998)
	C	CAMPOS et al., NCBI General Identifier BAA 18485, Database EMBL, Accession No.: AF148852, (2000)
	C	CHEN et al., EMBL Sequence Database Accession No. AI995392 (Sep 1999)
	C	FEDENKO et al., Abstract: RU 2005353, Derwent Accession Number: 1994-253787
	C	KANEKO et al., EMBL Sequence Database Accession No. D90909 (Oct 1996)
	C	LANGE et al., "Mentha x Piperita 1-deoxy-D-xylulose-5-phosphate Reductoisomerase (DXR) mRNA", complete cds, Entrez Report, Accession No. AF116825 (Apr 1999)
	C	LIN et al., Database EMBL, Accession No. AC003672 (Dec 1997)
	C	NAKAMURA et al., Database EMBL, Accession No.: AB009053, Abstract (Dec 1997) (1998)(2000)
	C	NAKAMURA et al., Database EMBL, Accession No.: AB005246 (July 1997)
	C	NEWMAN et al., Database EMBL, Accession No.: AA586087, Abstract (Sep 1997)
	C	NEWMAN et al., DEBEST ID:1262303, Entrez Report, Accession No.: AA586087 (Sep 1997)
	C	OUYANG et al., Database EMBL, Accession No. AF381248 (Jan 2003)
	C	SCHWENDER et al., Arabidopsis thaliana mRNA for Partial 1-deoxy-d-xylulose-5-phosphate Reductoisomerase (dxr gene), Entrez Report, Accession No.: AJ242588 (Aug 1999)
	C	SHINTANI et al., Database NCBI, Accession No. AF104220 (Jan 1999)
	C	WING et al., Database EMBL, Accession No. AQ690643 (Jul 1999)
↓	C	XIA et al., Database EMBL, Accession No. M74133 (Jun 1993)
R K	C	BEVAN et al., Accession T4 8445
	C	International Search Report, PCT/US00/10368, pp. 1-5 (September 15, 2000)
	C	International Search Report, PCT/US00/10368, pp. 1-14 (June 15, 2001)
	C	Written Opinion, PCT/US00/10368, pp. 1-6 (May 9, 2002)
	C	IPER, PCT/US00/10368, pp. 1-5 (August 16, 2002)
	C	Examination Report, New Zealand Patent Application No. 514600, based on PCT/US/00/10368, pp. 1-2 (April 24, 2003)
	C	Communication pursuant to Article 95(2) EPC, EP Application 00922287.8, based on PCT/US00/10368, pp. 1-6 (October 17, 2003)
	C	Examiner's Report No. 2, Australia Patent Application No. 42492/00, based on PCT/US00/10368, pp. 1-4 (November 12, 2003)

• References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner Ronald Kallis Date Considered 8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
 (Rev. 2.32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MONS:038US REN-00-091

SERIAL NO.

09/688,069

APR 14 2004
 O I P E JC151
 INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT
 (Use several sheets if necessary)

APPLICANT

SUBRAMANIAM et al.

FILING DATE

October 12, 2000

GROUP

1638

C	<u>International Search Report, PCT/US01/12334, pp. 1-5 (April 5, 2002)</u>
C	<u>International Search Report, PCT/US01/24335, pp. 1-8 (March 6, 2003)</u>
C	<u>International Search Report, PCT/US01/42673, pp. 1-4</u>
C	<u>International Search Report, PCT/US02/03294, pp. 1-4 (March 19, 2003)</u>
C	<u>International Search Report, PCT/US02/13898, pp. 1-3 (September 13, 2002)</u>
C	<u>IPER, PCT/US02/13898, pp. 1-4 (April 24, 2003)</u>
C	<u>International Search Report, PCT/US02/14445, pp. 1-6 (October 30, 2003)</u>
C	<u>International Search Report, PCT/US02/26047, pp. 1-5 (December 5, 2003)</u>
C	<u>International Search Report, PCT/US02/34079, pp. 1-5 (July 28, 2003)</u>
C	<u>Written Opinion, PCT/US02/34079, pp. 1-4 (October 29, 2003)</u>
C	<u>Response to Written Opinion, PCT/US02/34079, pp. 1-6 (December 22, 2003)</u>
C	<u>Str-1796 cyanobase www.kazusa.com</u>

* References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Ronell Kallis

Date Considered

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2.32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. MONS:038US REN-00-091	SERIAL NO. 09/688,069
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT SUBRAMANIAM et al.	
		FILING DATE October 12, 2000	GROUP 1638



U.S. PATENT DOCUMENTS

A							
A							
A							
A							
A							
A							
A							
A							
A							

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	B							
	B							
	B							
	B							
	B							
	B							
	B							
	B							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RK	C	BOWIE et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, 247:1306-1310 (1990)
RK	C	McCONNELL et al., "Role of Phabulosa and Phavoluta in determining radial patterning in shoots", Nature, 411(6838): 709-713 (2001)
RK	C	BAKER et al., NCBI Accession Number X64451 (Dec 1993)
	C	
	C	

• References were previously cited by the Applicant or by the Examiner and thus copies of these references are not being resubmitted with this statement. Copies of the prior PTO-1449 and -892 forms are enclosed herein. See 37 C.F.R. §1.98(d).

Examiner

Russell Kallis

Date Considered

8/12/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])